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Three-Frequency Converter With Summary
Output Frequency, by M. D. Karasov,
Kao Pao-Hsin, 11 pp.

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pp 68-73. 9668571

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Finite Amplitude in Solids, by V. A.
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CIA/FDD X-5276

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INVESTIGATION OF THIN PERMALLOY FILMS IN
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63-14445

Trans. of Moscow U. Vestnik Seriya 3: Fizika
Astronomiya (USSR) 1962 [v. 17] no. 6, p. 59-62.

DESCRIPTORS: *Metal films, Iron alloys, Nickel
alloys, *Magnetism, *Magnetic fields, Magnetic
properties, Measurement, *Ferromagnetic materials,
Films, Magneto-optic effect.

In fields less than the coercive force, a change in film
magnetization is observed which occurs over very short
time intervals. The signal amplitude produced by these
processes is small. The change in magnetization
occurs due to small displacements in the range of
embryo areas of the new phase and are independent of
(Physics--Magnetism, TT, v. 10, no. 7) (over)

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I. Nikitina, T. N.

Office of Technical Services

Absorption of Solar Radiation by Aquatic Vapors
According to Observation at Various Altitudes,
by N. I. Koshevnikov, Ye. A. Makareva, 6 pp.

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ABSI I-2889
ID 2237518
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The Problem of the Numerical Calculation of the
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BAND MODEL FOR INFRARED RADIATION ABSORPTION BY
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ET AL, 9 PP.

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JPRS 21243
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Panteleev, V. L. THE QUESTION ON THE CONSTRUCTION OF THE SOLUTIONS OF LINEAR DIFFERENTIAL EQUATIONS WITH SLOWLY CHANGING PARAMETERS. [1963] [8p] 3refs Order from OTS or SLA \$1.10		63-20068
Trans. of Moscow U. <u>Vestnik</u> [Seriya 3: Fizika, <u>Astronomiya</u>] (USSR) 1963 [v. 18] no. 2, p. 25-29.		I. Panteleev, V. L.
DESCRIPTORS: *Differential equations, Integration, Transformations (Mathematics), *Equations of motion, *Gravimeters, Oscillation, Perturbation theory, *Nu- merical analysis.		
The problem on the determination of the solution of linear differential equations with slowly changing parameters is reduced to the finding of the perturbed frequency for the oscillation of the system, close to the frequency of natural oscillations, by means of the (Mathematics, TT, v. 10, no. 11) (over)		
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A. A. Sanin.
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in Russian Physics Quarterly, v. 1, no. 1
(p. 114-121)

Trans. of Moscow U. [Vestnuk] Seriya [3] Fizika,
Astronomiya (USSR)-1963 [v. 18] no. 3, p. 55-65.
(Abstract available)

DESCRIPTORS: *Relativity theory, *Gravity, Equations,
Transformations (Mathematics), Tensor analysis,
*Quantum mechanics.

It is demonstrated that the general relativity principle can be formulated in a form analogous to that used in the special relativity principle (i.e., as the invariance of the metric tensor of a planar space $E_{x'}$, which is tangent to space-time at the point x' relative to a certain (Physics--Theoretical, TT, v. 11, no. 11) (over)

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9 pp.
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JPRS 22646

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Jan 64

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Sci - Phys
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8 pp.
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NASA TT F-8971

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V. S. Ural'skaya, 11 pp.
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The Problem of Widening and Displacing Energy
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P100126666
FTD-HT-66-277

Sci-Nucl Sci
Feb 67

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Analytical Methods of Determining the Perturbations of
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No 5, 1964, pp 15-27.
NASA TT F-9611

Sci-Phys
Feb 65
U.S. GOVERNMENT ONLY

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Equilibrium, by G. F. Sitrnik.
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NASA TT R-9607

Sci-Phys
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Spin Oscillator, by R. N. Umakhdzhayev,
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*FTD-TI-65-1899

Sci - Elec
Dec 65

The Realization of Particle-Like Solutions
of the Einstein Equations for a Scalar
Complex Field, by M. I. Stakvilevichus.

9 pp.

RUSSIAN, per, Vest Mosk Univer, Ser III,
Fiz, Astron, No 6, 1964, pp 41-47.

P100073367

FTD-HT-66-278

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Effect of Third and Fifth Harmonics
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Force of a Planet on the Movement of Its
Satellites, by A. A. Orlov, 13 pp.
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Fiz, Astron, No 6, 1964, pp 80-88. P100060866
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Sci - Space Tech
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Oblogina, T. L.
SOME AMPLITUDE FEATURES OF WAVES IN
MEDIUMS WITH STEEPLY DIPPING INTERFACES
(Nekotorye Amplitudnye Osobennosti Voln v Sredakh s
Krutopadayushchimi Granitsami Razdela). [1963] [21]p.
(foreign text included) 3 refs.

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Trans. of Moscow U. Vestnik, [Seriya 4; Geologiya]
(USSR) 1961 [v. 16] no. 2, p. 52-60.

DESCRIPTORS: *Seismic waves, *Mechanical waves,
*Geophysics, Structural geology, Folds (Geology),
Faults (Geology), Models (Simulations), Tests,
Diffraction.

In the case of falling of the steeply inclined contact in a
direction under the intrusive body, i. e. when there is
a diffraction from the point of an acute angle, the values
(Earth Sciences--Geology, TT, v. 10, no. 8) (over)

63-16552

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<p>Vassoevich, N. B. THE ORIGIN OF PETROLEUM. [1962] 24p. Order from ATS \$33.75 ATS-47P63R <i>Trans. of Moscow U. Vestn[ik]. Ser[iya] 4: Geol[ogiya]</i> (USSR) 1962 [v. 17] no. 3, p. 10-30.</p> <p>DESCRIPTORS: *Petroleum, Geology.</p> <p>(Earth Sciences--Geology, TT, v. 9, no. 2)</p>	<p>63-12044</p> <p>I. Vassoevich, N. B. II. ATS-47P63R III. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>
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<p>Kanfel', O. M., Mazarovich [O. A.] and Tursina, V. V.</p> <p>GEOLOGICAL STRUCTURE OF THE NORTHERN PERIPHERY OF KARAGANDA BASIN (Geologicheskoe Stroenie Severnogo Obrazleniya Karagandinskogo Bassina)</p> <p>A. Phillips, Jr. [Rept. no. 1; Stratigraphy of Pre- Paleozoic and Paleozoic Sediments], Aug 63 [39p] 14refs ACIC TC-630. Order from OTS, SLA, or ETC \$3.60 TT-63-24344</p> <p>Trans. of Moscow U. Vestnik Seriya 4: Geologiya (USSR) 1962 [v. 17] no. 6 (p. 19-35).</p> <p>DESCRIPTORS: *Structural geology, *Stratigraphy, Petrology, Geological survey.</p> <p>The article includes a description of the stratigraphic sequential order of Precambrian and Paleozoic forma- tions in Caledonian zone adjacent to Karaganda basin from the north.</p>	<p>TT-63-24344</p> <p>I. Title: Karaganda Basin I. Kanfel', O. M. II. Mazarovich, O. A. III. Tursina, V. V. IV. Title: Stratigraphy ... V. ACIC TC-630 VI. Aeronautical Chart and Information Center, St. Louis, Mo.</p> <p>(Earth Sciences--Geology, TT, v. 11, no. 5) Office of Technical Services</p>
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NO L, 1961, PP 40-47.

JPRS 13999

SCI - PHYS

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(NY-7124)

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NO 2, 1961, PP 3-9.

JPRS 14463

SCI - GEOPHYS
JUL 62

203,699

(NY-7124)

MAPS OF INLAND WATERS IN NATIONAL ATLASES,
BY T. G. SVATKOVA, 13 PP.

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JPRS 14463

SCI - GEOPHYS

JUL 62

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(NY-~~XXXXXX~~ 7124)

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MAPPING, BY A. G. VORONOV, 5 PP.

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BY N. G. SKACHENKO, 5 PP.

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*CFSTI TT 66-51132

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8 pp.

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ACSI I-3585-A
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Future Regime of the Caspian Sea Level, by
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No 2, 1963, pp 62-65.

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PROBLEMS OF THE ECONOMIC DEVELOPMENT OF WEST AND
EAST IN THE SOVIET UNION BY V. P. NOVIKOV AND
YU. G. SAUSHKIN, 15 PP.

RUSSIAN, PER, VESTNIK MOSKOVSKOGO UNIVERSITETA,
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JPRS 2X5X 2L508

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Soviet Geog Review
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OCT 63

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Vol'skiy, V. V.
ON SOME PROBLEMS OF THEORY AND PRACTICE
IN ECONOMIC GEOGRAPHY. Oct 63, 11p
Order from AGS \$1.00 in Soviet Geography: Review and
Translation, v. 4, no. 8, p. 3-13

Trans. of Moscow U. Vestnik Seriya 15: Geografika
(USSR) 1963 [v. 18] no. 4, p. 16-24. (Abstract available)

DESCRIPTORS: *Geography, *Economics, Theory

The author, an opponent of Anuchin's views, charges
that the discussion around the theory of a unified geo-
graphy has been diverting the attention of the Geography
Faculty of Moscow University away from practical tasks
contributing to the growth of the national economy.
Vol'skiy restates the Marxist theory of economic geo-
graphy and calls on economic geographers for more
constructive contributions to Communist economic de-
velopment. (AGS abstract)
(Earth Sciences--Geography, TT, v. 11, no. 3)

TT-63-17714-8 (p. 14-24)

- I. Vol'skiy, V. V.
II. American Geographical
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Efremov, Yu. K.

THE PLACE OF PHYSICAL GEOGRAPHY AMONG
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Blazhko, N. I.
THE SYSTEM OF URBAN PLACES OF THE DONETS
TERRITORIAL-PRODUCTION COMPLEX. Feb 64, 6p
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Sci - Earth Sci
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Zhakov, S. L
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SUPPLY OF THE EUROPEAN PART OF THE USSR.
Mar 64, 9p 6refs
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and Translation, v. 5, no. 3, p. 52-60
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(USSR) 1964 [v. 19] no. 1, p. 37-43.

(Earth Sciences--Climatology, TT, v. 12, no. 2)

TT-64-12542-3 (p. 52-60)

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CRREL 67-T-4(3)

R-7961-D
10 Feb 67

The Question of slope evolution
By: A. Ye Krivolutzkiy
From: Vestnik moskovskogo universiteta Series VI
Geography, #2, 1964 pp40-50

(11 pp)

Russian - est for wds:

Please translate and type 1 camera ready copy. Document can be cut.

R-237/64

Problems of Economic Development of the
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and the USSR, by Ye. B. Valev. (no. 10567)
16 pp.

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No 2, 1964, pp 56-64.

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Special Features of the Distribution of Salinity and Temperatures Connected With the Atlantic Subsurface Equatorial Counter-current, by O. I. Namayev, 8 pp.
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JPRS 32,688.

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The Water Resources of Mesopotamia, by M.
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Sci - Earth Sci
Sept. 67 340,395

Training of Specialists in Meteorology,
Hydrology, and Oceanology at Moscow State
University, by Ye. K. Fedorov, 8 pp.
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Basis Features of the New Curriculum, by
A. N. Ryabchikov, 10 p.
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Jun 66

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Methodological Problems of Soviet
Geography as Interpreted by Some
Foreign Geographers, by Ya. G.
Savashkin, 16 pp.
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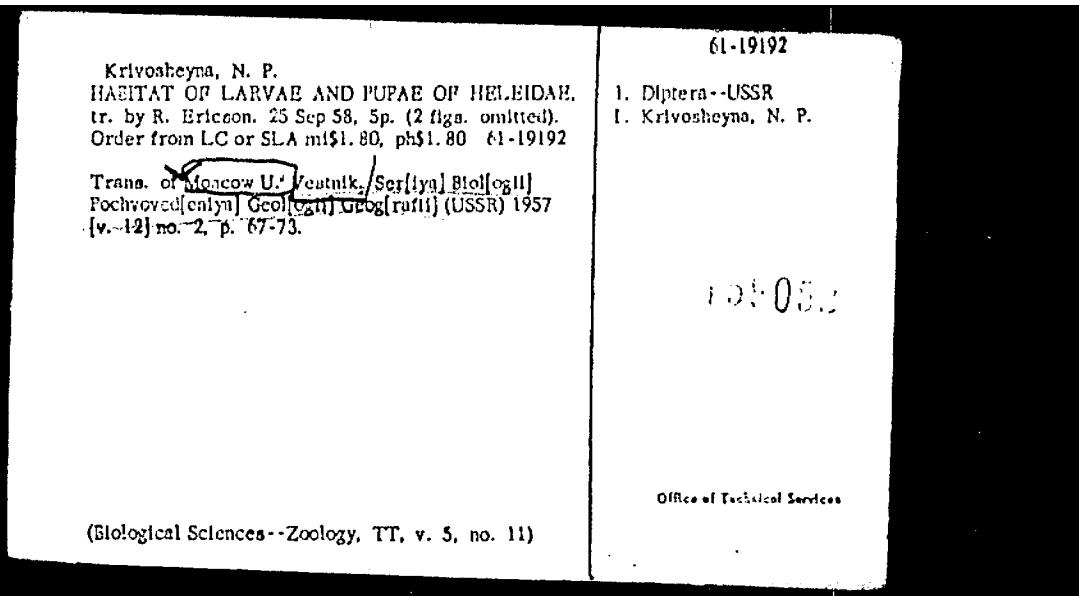
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